

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Quinn, et al.) Group Art Unit 1655
)
App. No. : UNKNOWN)
)
Filed : HEREWITH)
)
For : PROBES, METHODS AND)
KITS FOR DETECTION AND)
TYPING OF)
HELICOBACTER PYLORI)
NUCLEIC ACIDS IN)
BIOLOGICAL SAMPLES)
)
Examiner : J. Goldberg)
)

JC720 U.S. PTO
10/035978
12/21/01

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing fourteen (14) references that are not enclosed. This Information Disclosure Statement is being filed within three months of the filing date of this application or upon filing if this is a CPA or RCE, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12/21/01

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	APPLICATION NO.
	INNOG2.001C1	UNKNOWN
	APPLICANT Quint, et al.	
	FILING DATE HEREWITH	GROUP 1655

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		PCT/US95/02219	2/23/95	United States				
		PCT/FR96/00407	3/18/96	France				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	J. C. Atherton et al., <u>Genotypic Analysis of vacA and cagA in Helicobacter pylori Isolates from the U.S., Thailand, Peru and China</u> , Vol. 37, Suppl. No. 1, July 7, 1995, Abstract 275, p. A69.
	John C. Atherton et al., <u>Mosaicism in Vacuolating Cytotoxin Alleles of Helicobacter pylori</u> , <u>The Journal of Biological Chemistry</u> , Vol. 270, No. 30, July 28, 1995, pp. 17771-17777.
	M. J. Blaser, <u>Role of vacA and the cagA locus of Helicobacter pylori in human disease</u> , <u>Blackwell Science Ltd. Aliment Pharmacol Ther</u> , Vol. 10, Suppl. 1, 1996, pp. 73-77.
	Arie Van Der Ende et al., <u>Heterogeneous Helicobacter pylori Isolates From Members of a Family With a History of Peptic Ulcer Disease</u> , <u>Gastroenterology</u> , Vol. 111, No. 3, September 1996, pp. 638-647.
	Y. Ito et al., <u>Clustering of CagA Positive, S1A-M1, But Not Equal to M1, VacA Alleles of Helicobacter pylori in Japan</u> , Vol. 110, Suppl. No. 4, May 22, 1996, p. A931.

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Stephan Miehke, M.D. et al., <i>Allelic Variation in the cagA Gene of Helicobacter pylori Obtained from Korea Compared to the United States</i> , <u>The American Journal of Gastroenterology</u> , Vol. 91, No. 7, July 1996, pp. 1322-1325.
	C. Birac et al., <i>Detection of vacA By PCR and Correlation with cagA in Helicobacter pylori Strains Isolated from Patients with Different Diseases.</i> , Vol. 37, Suppl. No. 1, July 9, 1996, Abstract 267, p. A67.
	Murali K. R. Tummuru et al., <i>Cloning and Expression of a High-Molecular-Mass Major Antigen of Helicobacter pylori: Evidence of Linkage to Cytotoxin Production</i> , <u>Infection and Immunity</u> , Vol. 61, No. 5, May 1, 1993, pp. 1799-1809.
	Suhas H. Phadnis et al., <i>Pathological Significance and Molecular Characterization of the Vacuolating Toxin Gene of Helicobacter pylori</i> , <u>Infection and Immunity</u> , Vol. 62, No. 5, May 1, 1994, pp. 1557-1565.
	Z. Xiang et al., <i>Detection in an Enzyme Immunoassay of an Immune Response to a Recombinant Fragment of the 128 Kilodalton Protein (CagA) of Helicobacter pylori</i> , <u>Eur. J. Clin. Microbiol. Infect. Dis.</u> , Vol. 12, No. 10, October 1993, pp. 739-745.
	H.T.J. Tjhie et al., <i>Detection of Chlamydia pneumoniae using a general Chlamydia polymerase chain reaction with species differentiation after hybridisation</i> , <u>Journal of Microbiological Methods</u> , Vol. 18, No. 2, September 1993, pp. 137-50.
	J.C. Stephens et al., <i>H. pylori CagA Status, VacA Genotypes and Gastroduodenal Disease</i> , Vol. 39, Suppl. No. 2, October 16, 1996, Abstract 3B:88, p. A71.

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